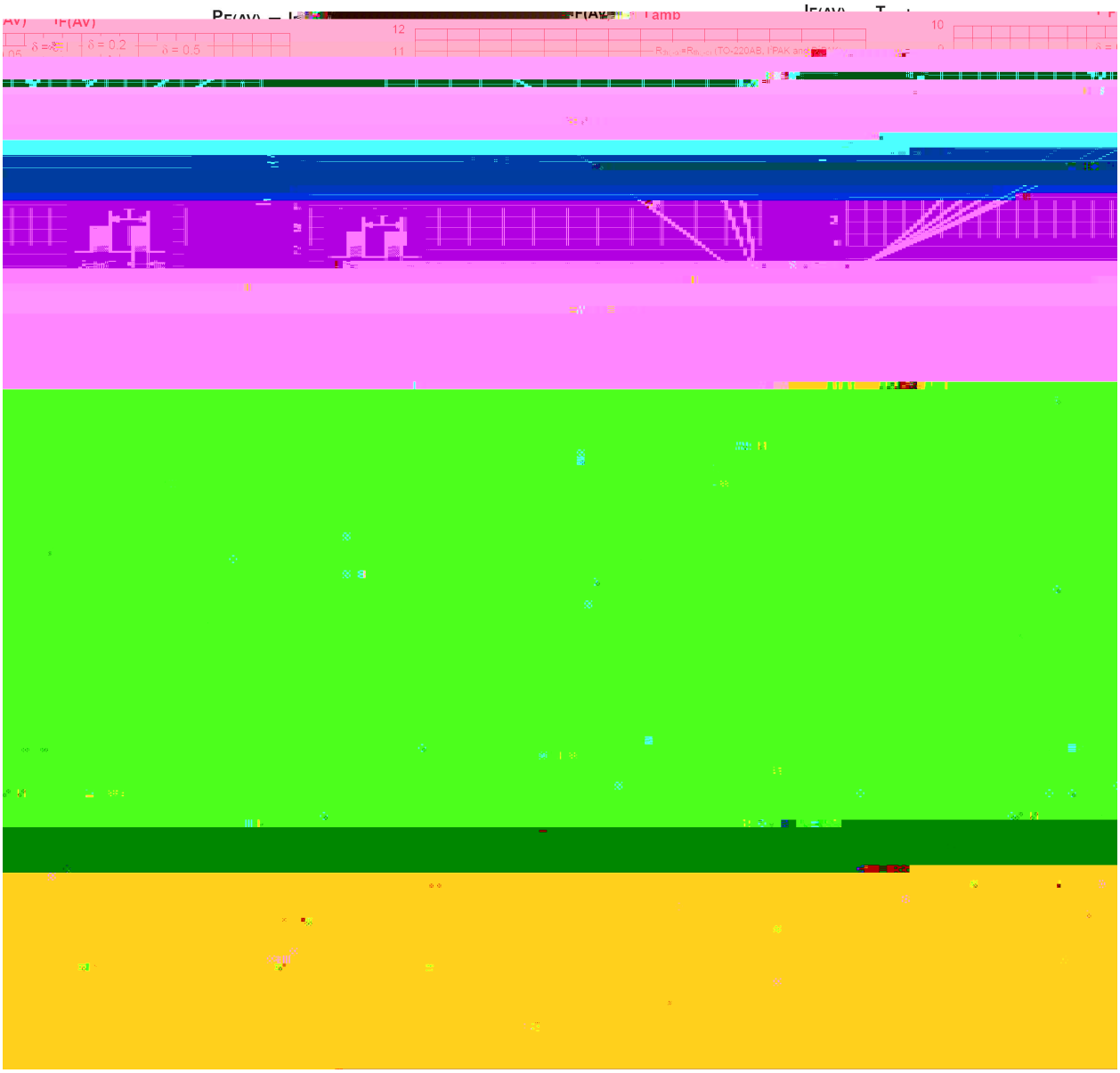
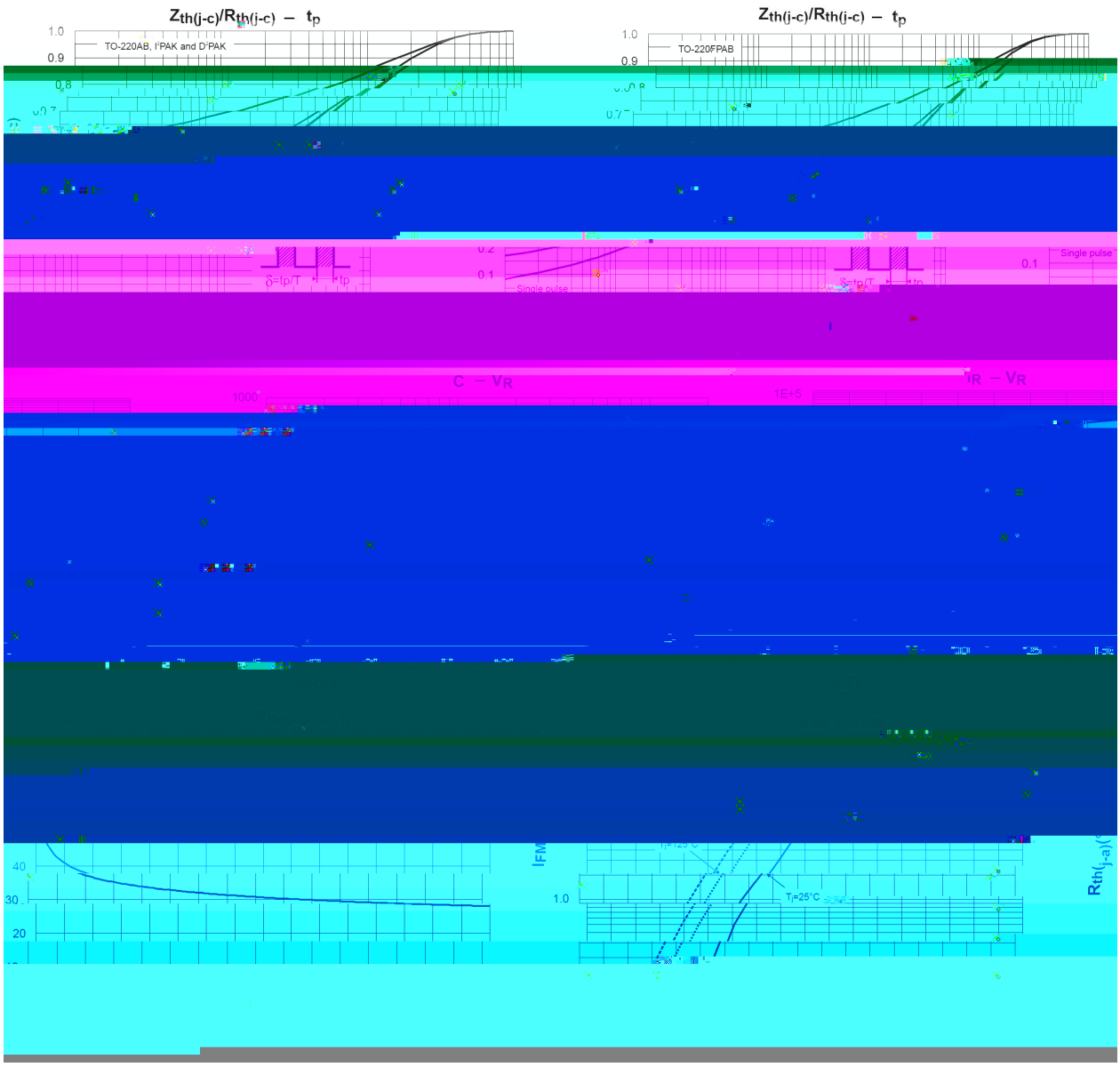
TO-220
Schottky Barrier Diode in

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	150	V
RMS Forward Current	$I_{F(RMS)}$	30	A
Average Rectified Forward Current	$I_{F(AV)}$	10	A
	$I_{F(AV)\ \ total}$	20	A

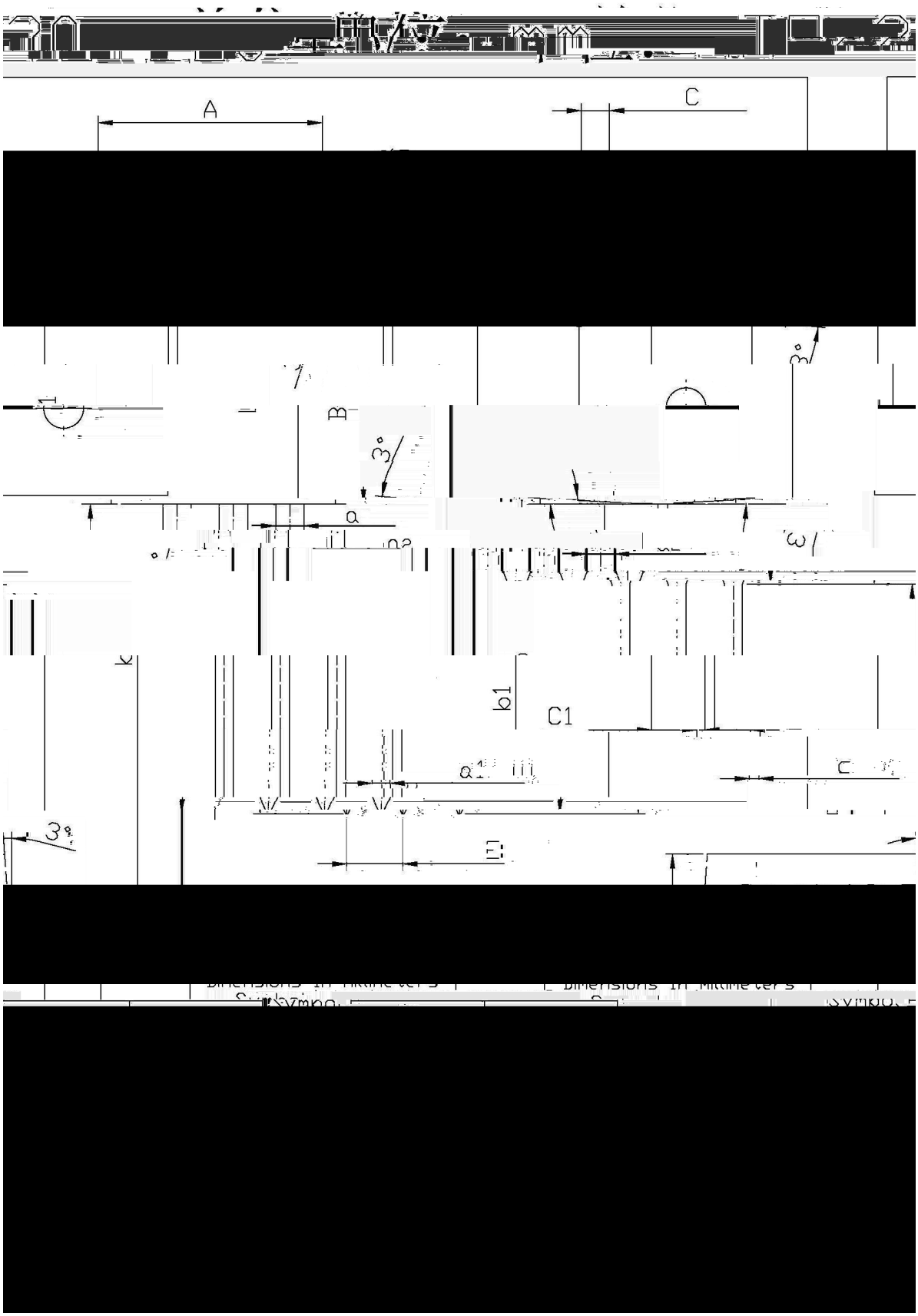
/ Electrical Characteristic Curve



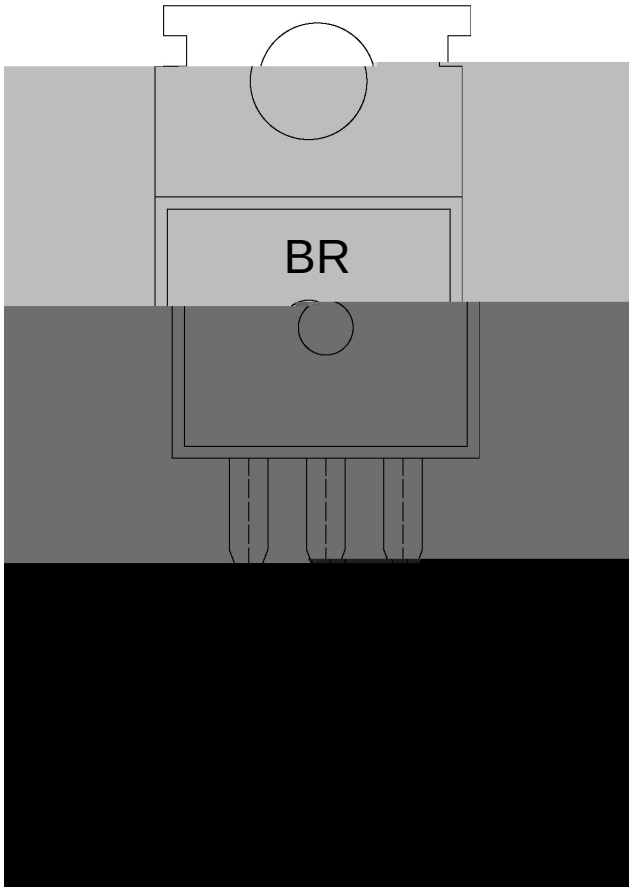
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

MBR20150

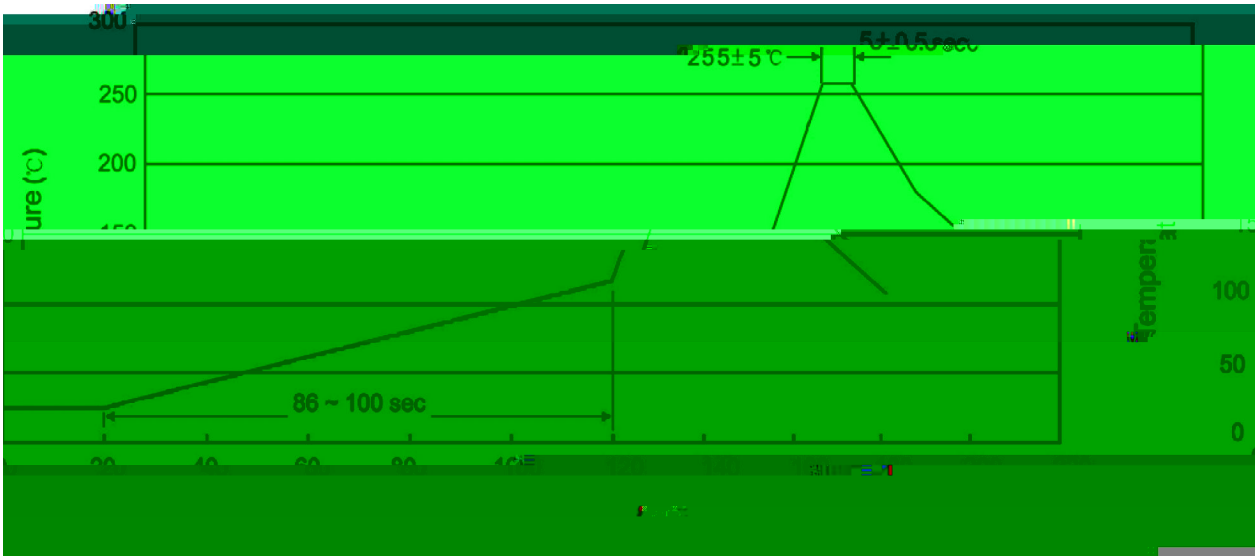
CT:

****

Note:

BR:	Company Code
MBR20150	Product Type.
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



					Note:
1	25	150	60	90sec;	1.Preheating:25~150 , Time:60~90sec.
2	255±5			5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

270±5	10±1 sec.	Temp.:270±5	Time:10±1 sec

/ Packaging SPEC.

/ BULK

Package Type	Units			Dimension (unit mm^3)
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	